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(54) Alcoholic soft ice.

(5) The invention provides a ready-to-consume, freezeable, alcoholic beverage composed of water, sugars, alcohol, flavorants and carboxymethylcellulose. The beverage can be placed in a consumer or commercial freezer to form a soft ice, which can be consumed "as is" or can be spooned into a glass to provide, with stirring, an attractive slush-type frozen cocktail.

EXAMPLE 4

A 25° margarita was prepared as in the previous examples from the following ingredients:

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	-	25° Proof MARGARITA				

10	KEY INGREDIENTS % (by weight)					
15	<u>Spirits</u>	TEQUILA & NEUTRAL SPIRITS				
	High Fructose Corn Syrup					
20	Dextrose (50%) Fructose (42%) Maltose (1.5%) Isomaltose (1.5%) Higher Saccharides (5.0%)	7.1578 - 7.3451 6.0125 - 6.1699 0.2148 - 0.2203 0.2148 - 0.2203 0.7157 - 0.7345				
25	Dry Basis (Total	14.3156 - 14.6901				
	*Sodium CMC	.0341103438				
30	Citric Acid	1.7621 - 1.7722				
	OTHER INGREDIENTS % (by volume)					
	Essential Oils	.01171				
35	Other Flavors	N/A				
	PRODUCT SPECS.					
40	рн	2.8				
	Total Solids (°Brix)	16				
45	Total Acidity (gm/10)	18.4				
	*Low viscosity, fine grind commercially available as CMC-7LF from Hercules Powder.					

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	This product took somewhat longer to freeze than products of the previous examples. The frozen uct was coarser than those of the previous examples.					
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EXAMPLE 5

A 10° margarita was prepared as in the previous examples and having the following ingredients:

5		10° PROOF MARGARITA					
10	KEY INGREDIENTS % (by weight)						
	Spirits	Tequila & Neutral Spirits					
	High Fructose Corn Syrup						
15 20	Dextrose (50%) Fructose (42%) Maltose (1.5%) Isomaltose (1.5%) Higher Saccharides (5.0%)	12.7086 - 13.0371 10.6752 - 10.9512 0.3813 - 0.3911 0.3813 - 0.3911 1.2708 - 1.3037					
20	Dry Basis (Total)						
	bly basis (local)	25.4172 - 27.0742					
25	*Sodium CMC	.376703788					
	Citric Acid	.80748118					
20	OTHER INGREDIENTS (by volume)						
30	Essential Oils	.01171					
	PRODUCT SPECS.						
35	рн	2.5					
	Total Solids (° Brix)	27					
	Total Acidity (gm/1)	9.3					
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	*Low Viscosity, fine grind from Hercules Powder.	commercially available as CMC-7LF					
45	医电影双氯亚亚巴拉奇拉莱巴亚亚亚巴亚亚斯许埃亚亚英国						

This product when frozen was firmer than products of the previous examples. The crystal size/texture was still smooth/fine comparable to previous examples.

The invention has been described in considerable detail with specific reference to preferred embodiments. However, variations and modifications can be made without departing from the spirit and scope of the invention as described in the foregoing specification and defined in the appended claims.

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Claims

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- 1. A ready-to-consume alcoholic beverage comprising water, sugars, alcohol, flavorants, and carbox-ymethylcellulose wherein the sugars comprise at least one sugar selected from the group consisting of fructose and dextrose; the beverage has a proof in the range of about 10 to about 25; the carboxymethylcellulose is present in an amount ranging from about 0.02 to about 0.1% by weight; and wherein the ready-to-consume alcoholic beverage forms a soft ice at between about 0° and about 10° F.
- 2. The ready-to-consume alcoholic beverage defined in Claim 1 wherein the beverage has a proof ranging from about 15 to about 20.
- 3. The ready-to-consume alcoholic beverage defined in Claim 1 and having a sugar content in the range of from about 15 to about 28° BRIX.
- 4. The ready-to-consume alcoholic beverage defined in Claim 3 having a sugar content in the range of between 18 and about 25° BRIX.
- 5. The ready-to-consume alcoholic beverage defined in Claim 3 wherein the sugars consist primarily of fructose and dextrose.
 - 6. The ready-to-consume alcoholic beverage defined in Claim 5 wherein the fructose and dextrose constitute at least about 75% of the sugars present in the beverage.
 - 7. The ready-to-consume alcoholic beverage defined in Claim 1 wherein carboxymethylcellulose is present in an amount ranging from about 0.025 to about 0.06% percent by weight.
 - 8. The ready-to-consume alcoholic beverage defined in Claim 7 wherein the sodium carboxymethylcellulose is a low viscosity sodium carboxymethylcellulose.
 - 9. The ready-to-consume alcoholic beverage defined in Claim 8 wherein the alcoholic beverage has a proof in the range of between about 15 and about 20.
- 10. The ready-to-consume alcoholic beverages defined in Claim 9 wherein the alcoholic beverage has a proof in the range of 16 to 19.
- 11. The ready-to-consume alcoholic beverage defined in Claim 3 which additionally comprises an acidulant present in an amount ranging from about 0.5 to about 2.0% by weight.
- 12. The ready-to-consume alcoholic beverage defined in Claim 5 additionally comprising citric acid present in an amount ranging from about 0.75% to about 1.5% by weight.
- 13. The ready-to-consume alcoholic beverage defined in Claim 2 additionally comprising one or more essential oils in an amount of less than 1% by weight.
- 14. The ready-to-consume alcoholic beverage defined in Claim 3 wherein the carboxymethylcellulose is present in an amount ranging from about 0.025% to about 0.6% by weight.
- 15. The ready-to-consume alcoholic beverage defined in Claim 1 and packaged in a sealed plastic container such that the beverage is shelf-stable in frozen or unfrozen form and wherein the container has a size of one liter or less.
- 16. The ready-to-consume alcoholic beverage defined in Claim 4 and packaged in a plastic container such that the beverage is shelf-stable in frozen or unfrozen form and wherein the container has a size of one liter or less.

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EUROPEAN SEARCH REPORT

Application Number

EP 87 11 5386

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	DOCUMENTS CON			T			
Category	Citation of document with indication, where appropriate, of relevant passages			Relevant to claim	CLASSIFICATION OF TH APPLICATION (Int. Cl.4)		
X	FR-A-2 075 351 (* Claims; example	GENERAL FOODS s 7,8,19,20,1	CORP.)	1-16	C 12 G 3/00 A 23 G 9/04		
A	DE-A-1 945 130 (CO.)			1,7,8, 14	, , Lo G 5,04		
	* Claims; page 7,						
Α	DE-A-2 823 320 (U. SCHNEIDER)					
A	US-A-4 350 712 (/ 	A. KOCHARIAN	et al.)	·			
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					TECHNICAL FIELDS SEARCHED (Int. CI.4)		
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				·	C 12 G A 23 G		
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	The present search report has	been drawn up for all	claims				
I	Place of search		pletion of the search		Examiner		
THE	HAGUE	03-02-	-1988	COUCK	Œ A.O.M.		
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P : interm	ediate document		& : member of the same document	patent family,	corresponding		

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